

## **5 FAH-2 H-730 VERY HIGH FREQUENCY/ULTRA HIGH FREQUENCY (VHF/UHF)**

(TL:TEL-8; 08-05-2003)  
(Office of Origin: IRM/APR/RG)

### **5 FAH-2 H-731 VHF/UHF BROADCAST RANGE**

(TL:TEL-2; 05-23-2002)  
(Uniform all agencies)

Within an individual mission, official U.S. Government personnel use VHF/UHF networks for line-of-sight communication between the embassy, residences of mission personnel, and official vehicles.

### **5 FAH-2 H-732 VHF/UHF NETWORKS**

#### **5 FAH-2 H-732.1 *Typical Emergency Action Committee (EAC) Network Configuration***

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(Uniform all agencies)

Emergency Action Committee (EAC) VHF/UHF networks typically consist of base stations, mobile radios in *selected* official vehicles, portable or handheld units, and a repeater. Base stations and selective call encoders *and encryption loaders* are typically located at Post 1 *and/or* the Information Programs Center (IPC), *which is* often designated the mission's safehaven. Other base stations are located at specified residences and offices, which have been so designated in the post Emergency Action Plan (EAP).

## **5 FAH-2 H-732.2 *Typical Emergency and Evacuation (E&E) Network Configuration***

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(Uniform all agencies)

*Emergency and Evacuation VHF/UHF networks typically consist of base stations, mobile radios in official vehicles, portable or handheld units, and a repeater. Base stations and selective call encoders are typically located at Post 1 and/or the IPC. Other base stations are located at specified residences and offices, as necessary. Unsecure handhelds are distributed to all Department of State (DoS) employees who are not on the EAC, as well as DoS TDYers and other qualifying U.S. Government personnel. Secure handhelds are distributed to all members of the core EAC.*

## **5 FAH-2 H-732.3 *Typical Administrative Network Configuration***

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(Uniform all agencies)

*Administrative VHF/UHF networks typically consist of base stations, mobile radios in official vehicles, portable or handheld units, and possibly, a repeater. Base stations are typically located at a central location, such as the Motor Pool, GSO Warehouse, GSO Maintenance, and the Administrative section. A base station or other radio unit is often located in the switchboard for emergencies and monitoring.*

## **5 FAH-2 H-732.4 *Operational Testing***

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(Uniform all agencies)

a. All EAP VHF/UHF radio systems must be regularly tested *bi-weekly* or as directed by the COM to ensure the operational readiness of equipment and the competence of users. Anyone who might use the networks in an emergency, including spouses and children, should participate in these tests.

b. Where Marine Security Guards (MSGs) are on site, the MSG standing watch at Post 1, under Regional Security Officer (RSO) supervision, should act as network control, conduct the radio tests *on the EAC and/or the E&E networks* and forward the results to the RSO and Information Programs Officer (IPO) for evaluation.

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*c. IPC must coordinate with the Administrative Section to conduct biweekly radio tests on the Administrative network(s). Results are forwarded to the IPO and RIMC, as necessary, for evaluation of equipment operations.*

## **5 FAH-2 H-732.5 Rectifying Deficiencies**

*(TL:TEL-8; 08-05-2003)*

*(Uniform all agencies)*

IPC should train all participants on how to use the *Department of State* equipment assigned to them and arrange repairs *of this* equipment. The RSO and Information Management Officer (IMO), *with the post's executive office's backing*, should determine appropriate action to encourage full participation in the tests.

## **5 FAH-2 H-733 THROUGH H-739 UNASSIGNED**